

CLAIMS

What I claim as my invention is: (Claim Number 1) A vehicle with just two wheels parallel to each other, in which the axle is hollow to act as a cylindrical shell, with some extensions and fenders linked to it, to carry the payload and the energy source; and where the centre of gravity of the vehicle is always below the geometrical centre of the single axle, in the direction of the ground surface.

(Dependent Claim Number 2) A direct-drive annular electric motor is integrated with or mounted on the rim of the hollow axle and the hub of the wheel of the vehicle defined in claim number 1.

(Dependent Claim Number 3) The two circular ends of the mainly cylindrical hollow axle serve as two openings to allow selectable entry to passengers and/or for air and light with the angular movement of the wheels not restricting these passages in any way.

(Dependent Claim Number 4) The energy-storage unit of the vehicle defined in claim number 1 rests on that inside surface of the hollow shell which remains closest to the ground, to lower the centre of gravity of the vehicle defined in claim number 1, in order to facilitate the incorporation of the design scheme defined in claim number 1.

(Dependent Claim Number 5) In a vehicle having definitions of as described in claim number 1, the facility to sit inside a single-seater version of the vehicle, facing either the conventional front or the rear end and drive the vehicle using a wired or cordless joystick controller is there, as there are no mechanical linkages for driving the vehicle.

What more I claim as my invention is: (Claim number 6) A vehicle in which the circumference of the axle is more than half of the maximum outer circumference of the tyre on the wheel mounted on the axle as proportioned herein.